

INTERNATIONAL SEARCH REPORT

Intern. Application No.

Rec'd PCT/PTO

No. 03/01254

16 FEB 2005

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04Q7/28 H04Q7/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 78420 A (AHLFORS ULF ;FYHN ANDERS (SE); SWITCHCORE AB (SE); TUFVESSON PETER) 18 October 2001 (2001-10-18)	7
A	page 1, line 6 - line 14 page 1, line 32 -page 2, line 24 page 3, line 2 -page 4, line 33 ---	1-6,8-25
A	US 2002/093976 A1 (HOLTZMAN JACK M ET AL) 18 July 2002 (2002-07-18) page 1, left-hand column, paragraph 3 - paragraph 7 page 1, right-hand column, paragraph 13 page 2, left-hand column, paragraph 16 - paragraph 18 page 3, left-hand column, paragraph 27 figure 4 --- -/--	1-25

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

19 February 2004

Date of mailing of the international search report

01/03/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Müller, N

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	<p>WO 03 051007 A (NORTEL NETWORKS LTD)</p> <p>19 June 2003 (2003-06-19)</p> <p>page 2, paragraph 6 -page 3, paragraph 8</p> <p>page 4, paragraph 13 -page 11, paragraph 30</p> <p>figure 2</p> <p>-----</p>	1-25

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CA 03/01256

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0178420	A	18-10-2001	AU 4499601 A	23-10-2001
			CA 2406074 A1	18-10-2001
			CN 1428054 T	02-07-2003
			EG 22898 A	30-10-2003
			EP 1277357 A1	22-01-2003
			JP 2003530792 T	14-10-2003
			NO 20024882 A	10-12-2002
			WO 0178420 A1	18-10-2001
			TW 525395 B	21-03-2003
US 2002093976	A1	18-07-2002	AU 1779702 A	11-06-2002
			TW 535448 B	01-06-2003
			WO 0245362 A2	06-06-2002
WO 03051007	A	19-06-2003	US 2003135632 A1	17-07-2003
			WO 03051007 A1	19-06-2003